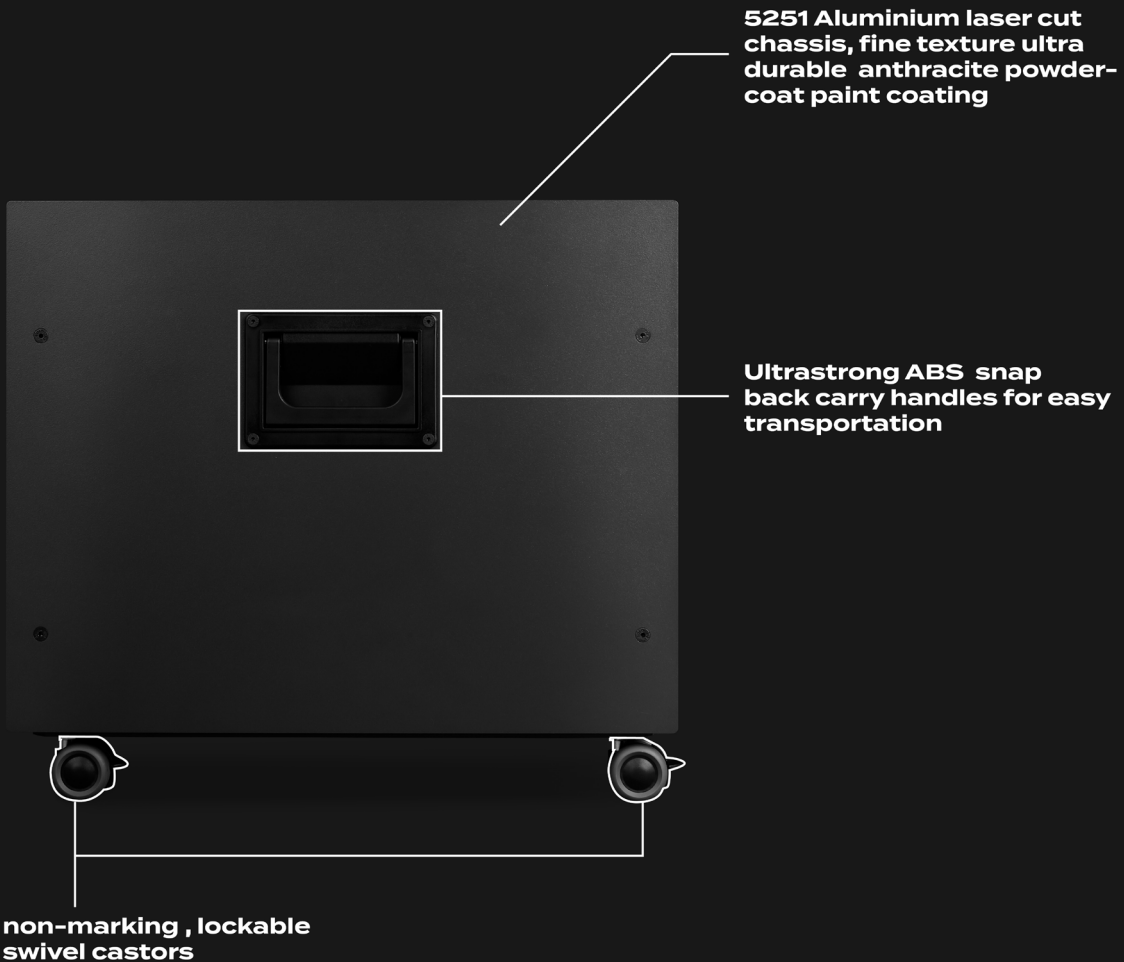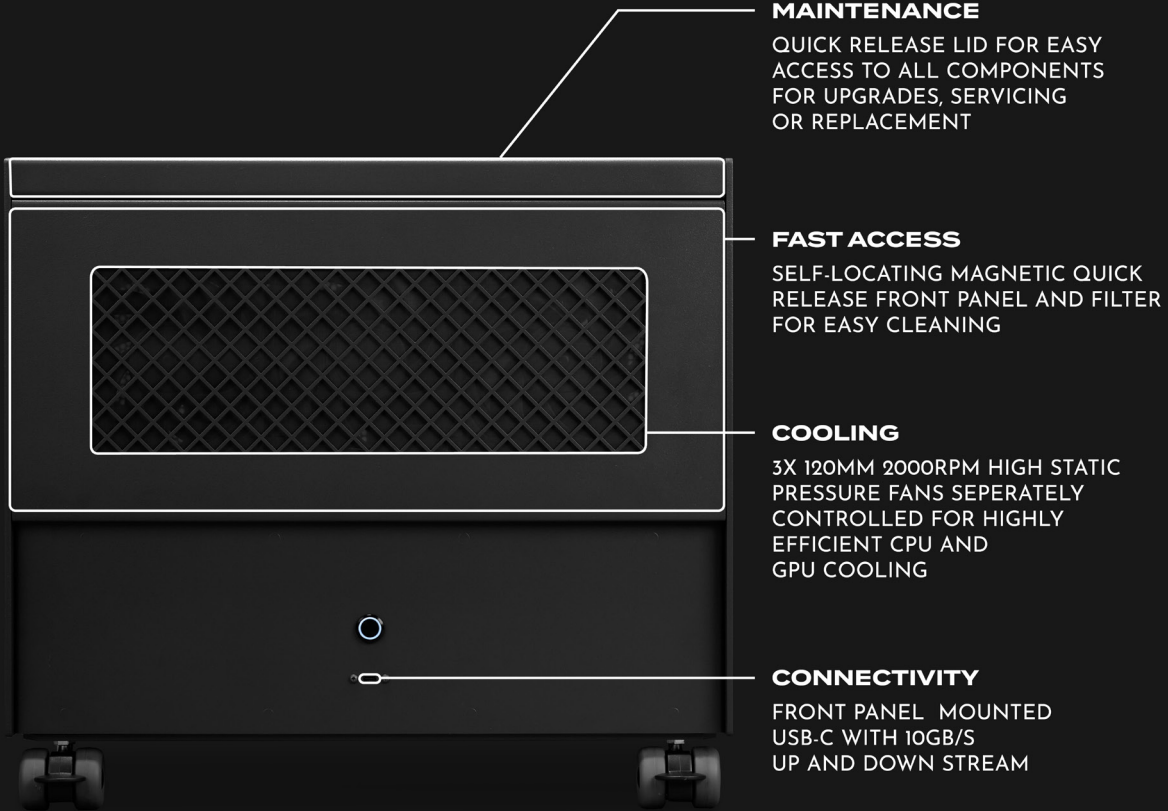# RENDERBOXES

THE ELECTRON

HOME / OPERATOR

We constantly strive to push the boundaries of what is possible in personal workstation performance. The Electron, is a testament to our commitment to excellence. Combining cutting-edge airflow technology, rock-solid stability, and unparalleled reliability, the Electron represents the next level in compact, high-performance power. The Electron is the ultimate choice for those who refuse to settle for anything less than the best. In both Intel and AMD configurations.
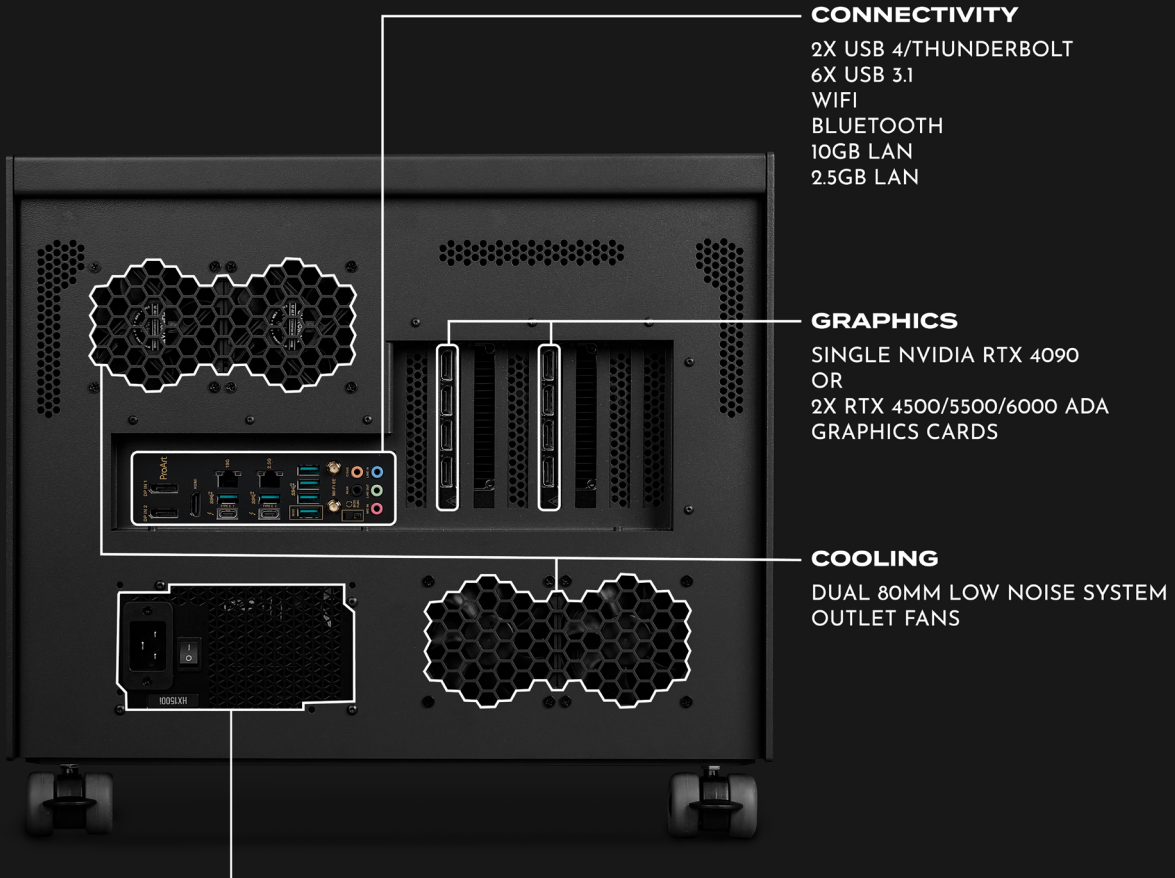
Official system integrator

AMD

Proudly incorporating hardware from our trusted partners

ASRock **ASUS** **Kingston** TECHNOLOGY **NVIDIA** **PNY** **SOLIDIGM**

RENDERBOXES

MAINTENANCE

QUICK RELEASE LID FOR EASY
ACCESS TO ALL COMPONENTS
FOR UPGRADES, SERVICING
OR REPLACEMENT

FAST ACCESS

SELF-LOCATING MAGNETIC QUICK
RELEASE FRONT PANEL AND FILTER
FOR EASY CLEANING

COOLING

3X 120MM 2000RPM HIGH STATIC
PRESSURE FANS SEPERATELY
CONTROLLED FOR HIGHLY
EFFICIENT CPU AND
GPU COOLING

CONNECTIVITY

FRONT PANEL MOUNTED
USB-C WITH 10GB/S
UP AND DOWN STREAM

**5251 Aluminium laser cut
chassis, fine texture ultra
durable anthracite powder-
coat paint coating**

**Ultrastrong ABS snap
back carry handles for easy
transportation**

**non-marking , lockable
swivel castors**

CONNECTIVITY

2X USB 4/THUNDERBOLT
6X USB 3.1
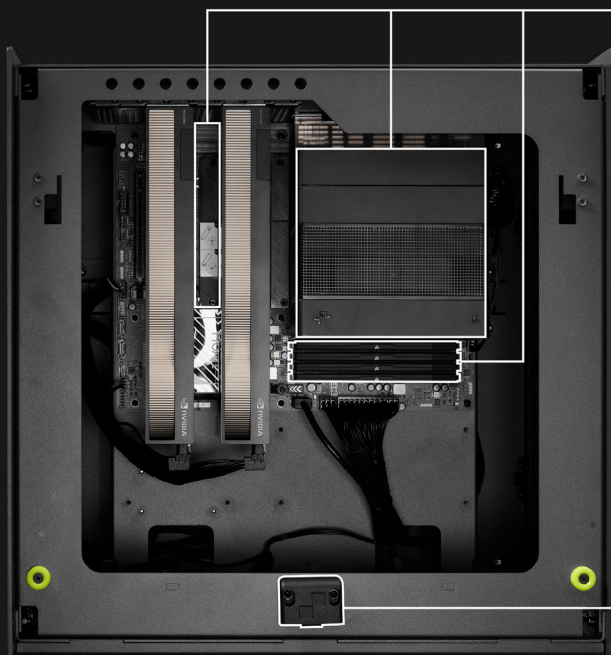WIFI
BLUETOOTH
10GB LAN
2.5GB LAN

GRAPHICS

SINGLE NVIDIA RTX 4090
OR
2X RTX 4500/5500/6000 ADA
GRAPHICS CARDS

COOLING

DUAL 80MM LOW NOISE SYSTEM
OUTLET FANS

POWER SUPPLY

1500W CORSAIR PLATINUM
MODULAR POWER SUPPLY WITH
CUSTOM CABLING

**Easy Access to
CPU / Memory / GPU
/ NVMe Storage**

**Lid quick disconnect fan
power**

RENDERBOXES◗

Specification Overview

Core System - Electron Core

CPU

Intel Core I7 14700KF 20 Core

Intel Core I9 14900KF 24 Core

AMD Ryzen 9 7900X3D 12 Core

AMD Ryzen 9 7950X3D 16 Core

RAM

48GB DDR5 5600Mhz 2x24GB

96GB DDR5 5600Mhz 2x48GB

192GB DDR5 5600Mhz 4x48GB

GPU

1x Nvidia RTX 4090 24GB GDDRX6

1x Nvidia RTX 4500 Ada 24GB ECC

1x Nvidia RTX 5000 Ada 32GB ECC

1x Nvidia RTX 6000 Ada 48GB ECC

2x Nvidia RTX 4500 Ada 24GB ECC

2x Nvidia RTX 5000 Ada 32GB ECC

2x Nvidia RTX 6000 Ada 48GB ECC

Storage

NVMe Drive 1

Solidigm P44 Pro Gen 4 1TB

Solidigm P44 Pro Gen 4 2TB

Crucial T700 Gen 5 2TB

Crucial T700 Gen 5 4TB

NVMe Drive 2

Solidigm P44 Pro Gen 4 1TB

Solidigm P44 Pro Gen 4 2TB

Crucial T700 Gen 5 4TB

Crucial T700 Gen 5 2TB

NVMe Drive 3

Solidigm P44 Pro Gen 4 1TB

Solidigm P44 Pro Gen 4 2TB

Crucial T700 Gen 5 4TB

Crucial T700 Gen 5 2TB

NVMe Drive 4

Solidigm P44 Pro Gen 4 1TB

Solidigm P44 Pro Gen 4 2TB

Crucial T700 Gen 5 4TB

Crucial T700 Gen 5 2TB

32TB (8 X 4TB M.2 Hardware RAID)

16TB (4 X 4TB M.2 Hardware RAID)

Connectivity

2x Thunderbolt™ 4 Type-C

4x USB 3.2 Gen2

6x USB 3.2 Gen1

Front panel USB Type-C

7.1 CH HD Audio

10Gb/s LAN

Intel® 802.11ax (WiFi 6E) + Bluetooth

HDMI + Displayport

System Cooling

Air cooler with dual 120mm fans

Power Consumption

1x Platinum 1500 watts power supply

Dimensions

41cm Height x 46cm Width x 46cm Depth

Weight

Approx. 35 Kg

Warranty

3 years on all parts, 1 year return to base on all labour.

Unlimited tech support** via remote/email/telephone

To learn more about the Electron visit www.renderboxes.com/products/electron

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Sandwich
CT13 9FF
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Registered Company Number. 11701666